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OLDEST AGRICULTURAL PUBLICATION IN THE STATE.

# The Maryland Farmer.

A Weekly for the Farmer, Fruit-Grower & Stock-Raiser.

Vol. XXVII.

BALTIMORE, December 5, 1890.

No. 49.

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E. B. WHITMAN, Gen'l Manager

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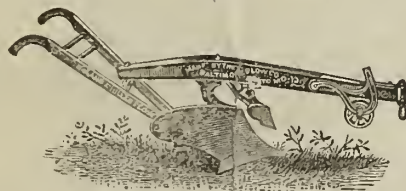
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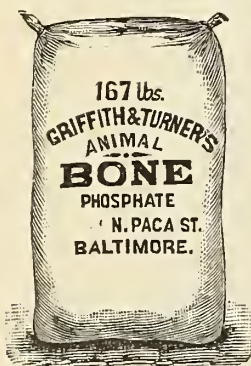
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# The Maryland Farmer.

Vol. XXVII.

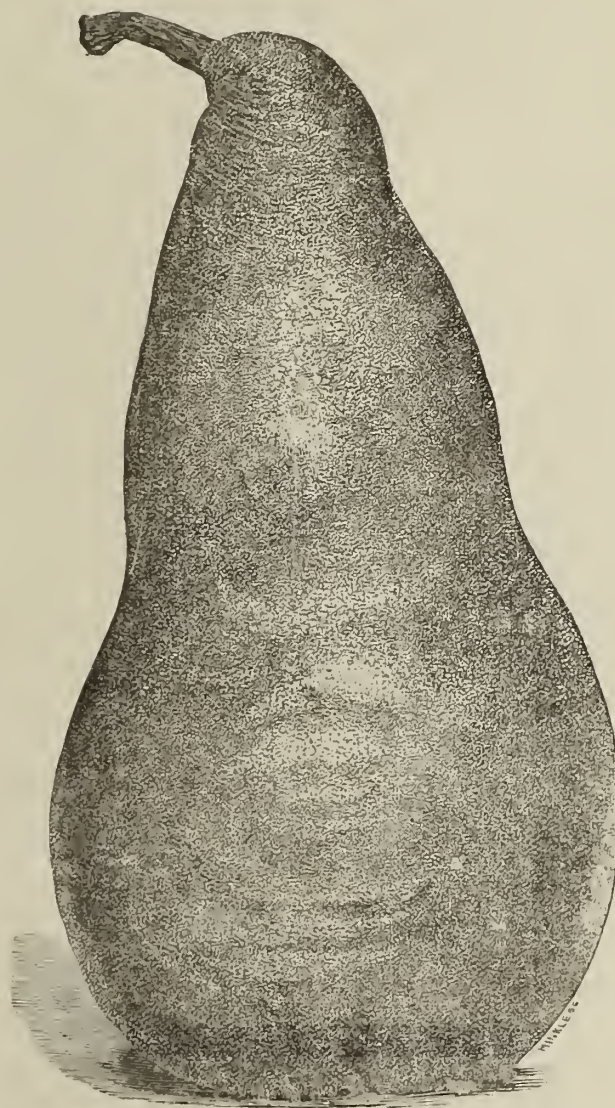
BALTIMORE, December 5, 1890.

No. 49.

## ABOUT PEARS.

For summer we have, ripening in succession, Summer Doyenne, Osband's Summer, Dearborn's Seeling, Beurre Giffard, Rostiezer, Tyson, Clapp's Favorite and Bartlett. Doyenne, Osband's, Dearborn's, Rostiezer and Tyson are small, but of a better flavor than the larger, especially Tyson. We prefer Clapp's to Bartlett, but the latter is such a fine looking productive, early bearing variety, the list would be incomplete without it. The best form in which we ever ate it was made into a sweet-pickle. Simply canned it has but little flavor. Most, if not all, of the summer varieties are better if picked when fully developed and ripened in the house. Classing Bartlett and Clapp with summer varieties about the first really good autumn variety is Belle Lucrative, an unattractive pear hence unsalable, but when grown and ripened properly, one of the most delicious of pears for the family. It is almost green in color when fully ripe, or a pale yellowish green. It ripens from the middle to the last of September, depending on soil and exposure.

Another excellent pear, large and attractive in appearance, with a long slender neck, a russet golden color; juicy, buttery, rich, aromatic, sweet, delicious flavor, is Bosc. The Angouleme should be grown only on the quince, where it is one of our most reliable and productive pears. Although coarse in texture, with a slight astringency, if picked early in October, put in a cool place and then brought into a warm room about the first of December, it will color up a golden yellow, and is a sweet, juicy, agreeable pear. Properly grown it attains to great size and should be thinned on the tree and only the larger specimens left to mature. Beurre d'Anjou, or Anjou by latest authority, ripening about the same time, is a superior pear, in fact, stands at the head of the list, but cannot be grown so easily as Angouleme. It should, however, have a large place in the family garden and be grown with the greatest care.



Buffum is a hardy, very productive pear and only medium in quality; we would recommend it for a place in the family garden. Flemish Beauty, where grown free, is one of the best autumn pears. It is large and very productive, sweet and juicy, but the skin should never be eaten, for it is thick and hard. It is only necessary to name the Seckel pear, it is so well known that description is uncalled for. It is sweet and aromatic. Perhaps we should not be far wrong in calling Tyson our summer Seckel. Sheldon is among our better class of fall pears and would probably suit the taste of many better than several already named. It is melting, juicy, with a brisk, vinous flavor. A greenish russet becoming cinnamon brown. We have included, perhaps, all of the really desirable autumn pears in the above list, although some would probably add Boussock, Louise Bonne, Howell and possibly some others.

The winter list is quite small led by Lawrence, an early winter variety of excellent flavor, ripening without much effort, early in the first winter month. Winter Nelis is an early winter variety of slow growth, but when obtained of excellent flavor. Dana's Hovey is good but small. Josephine De Malines is also of excellent quality. Easter Beurre, Glout Morcean, Vicar of Winkfield, and some others, once recommended, are now only grown by amateurs and professionals.

In selecting the trees for your pear orchard, be careful to patronize only reputable nurseries. There is not so

much swindling in selling trees as formerly, but the swindler will not entirely retire from business until people exercise their common sense when buying trees. There are local nurseries in many localities that sell trees at a reasonable price. They are owned and managed by men who are known to the farmers. If there are none of these in your vicinity, patronize the nurserymen who advertise in your agricultural paper. This is the best advice to be given, and should be worthy of consideration.



# THE MARYLAND FARMER.

A WEEKLY JOURNAL DEVOTED TO THE AGRICULTURAL,  
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FRIDAY, DECEMBER 5th, 1890.

## PICTURESQUE FARMING IN CALIFORNIA IN THE FORTIES.

(General Bidwell in the December Century.)

Harvesting, with the rude implements, was a scene. Imagine three or four hundred wild Indians in a grain field armed, some with sickles, some with butcher knives, some with pieces of hoop iron roughly fashioned into shapes like sickles, but many having only their hands with which to gather by small handfuls the dry and brittle grain; and as their hands would soon become sore, they resorted to dry willow sticks, which were split to afford a sharper edge with which to sever the straw. But the wildest part was the threshing. The harvest of weeks, sometimes of a month, was piled up in the straw in the form of a high mound in the middle of a high, strong, round corral; then three or four hundred wild horses were turned in to thresh it, the Indians whooping to make them run faster. Suddenly they would dash in before the band at full speed, when the motion became reversed, with the effect of plowing up the trampled straw to the very bottom. In an hour the grain would be thoroughly threshed and the dry straw broken almost into chaff. In this manner I have seen two thousand bushels of wheat threshed in a single hour. Next came the winnowing, which would often take another month. It could only be done when the wind was blowing, by throwing high into the air shovelfuls of grain, straw, and chaff, the lighter materials being wafted to one side, while the grain, comparatively clean, would descend and form a heap by itself. In this manner all the grain in California was cleaned. At that day no such thing as a fanning mill had ever been brought to this coast.

## EDITORIAL.

### OUR ISSUE.

Our issue is a little late this week, owing to an accident to one of our presses. A few special sample copies are sent out this week to prominent agriculturists and we particularly urge them to subscribe to our journal. It is well worth the price of subscription. After January 1st., the day of issue will be changed to Saturday, and it will be our aim to put THE FARMER into your hands regularly on that day.

### THE OCALA CONVENTION.

The National Convention of the Farmers' Alliance, now in session at Ocala, Florida, is attracting universal attention, and is the subject of discussion everywhere. The vital importance of the subjects to be considered, the great and incongruous constituencies represented, and the many conflicting policies advocated give the meeting a widespread interest.

This is one of the most critical times in the history of the organization, and upon the wise and judicious conduct of the convention depends in a great measure the future success of the order. The farmers are now upon trial before the whole people, and it rests with them to show by conservative and statesmanlike measures that they are worthy of the power which has now come into their hands.

This is no time for cranks or extremists. The questions which the Alliance is called upon to consider and which are bandied about so flippantly are of the gravest moment, and have puzzled the wisest of all generations. It is too much to expect that the Alliance shall develop off-hand such statecraft as shall immediately give a satisfactory solution to these knotty problems.

Already some of the claims of the Alliance are meeting with the fiercest criticism from the better part of the press of the country. The farmers have been very enthusiastic and strenuous in their denunciation of class legislation, and rightly so, but some of the more extreme men in the Alliance camp are now calling for the passage of laws for the benefit of farmers, which are the worst kind of class legislation. The farmers cannot expect to be prosperous at the expense of other people. "Equal and exact justice to all," forbids the giving of special favors to any.

Happily there is a large conservative element in the Alliance which is opposed to extreme legislation. At the State Convention of the Pennsylvania Alliance held last week, this notable declaration of principles was promulgated:

*Resolved*, That notwithstanding nearly all classes of persons, except the farming and industrial classes, have had special legislation beneficial to themselves; yet as we regard class legislation wholly wrong and inequitable, we shall not demand it for ourselves but we shall demand equal and exact justice to all.

If the Alliance will act upon that theory then its success is assured.

The scheme of the Alliance to have the Government make advances to farmers at a low rate of interest upon the security of farms and produce is very bitterly criticised and with considerable reason. Apart from the justice of the matter it is a faulty proposition upon economic principles,



and has so been demonstrated by history. France had a very bitter experience with the same plan. The assignats issued at the time of the French Revolution were based upon land security and utterly came to grief. The Argentine Republic has just furnished the most striking proof of the weakness of the scheme. In 1886 the National Hypothecary Bank was established by the Argentine Republic. Any land owner could for a mortgage on his property borrow from the bank 50 per cent of the value of his land. On this security the bank issued the cedulas which were sold all over Europe. As a consequence everybody borrowed money. Every foot of available land was mortgaged oftentimes at fraudulent valuations, and for a time things were booming. But the crisis has just come, and has shaken the financial strongholds of the earth to their centres, and left the Argentine Republic bankrupt. It is to be hoped that the Alliance will modify its extreme views upon this question.

The treatment of the money question, too, is a most important matter. More arrant rot and nonsense is written and talked about money than about most any other subject. "Plenty of cheap money," is a very catching war cry. But will somebody tell us what cheap money is? Some of the South American states have plenty of cheap money, but it takes a basketful to buy a loaf of bread. And money to be issued directly to the people—what does that mean? Evidently some of the extremists would have the people think that all they had to do was to call at the United States Treasury, whenever short of money, and get a supply for nothing.

These are only a few of the weighty matters before the Convention but they will sufficiently make evident the need of the coolest and wisest deliberation. The friends of the Alliance hope that the exigency will develop wisdom fit to cope with these problems.

THE tariff on eggs has sharpened the wits of our Canadian brethren. At the meeting of egg exporters in Montreal the other day, it was stated that one peculiar feature of the new state of affairs in Quebec Province was the building on the frontier of a large barn, half of which is being used for the feeding of hens on Canadian grain, free of duty. After being fed the hens cross the frontier to lay their eggs on the American side of the barn also free of duty.

THE recent earthquake in Wall Street has given Jay Gould a chance to acquire the control of several of the large railroad corporations. And now a scheme is on foot to consolidate the great western trunk lines under one management and advance transportation rates to a "paying" basis. This means a severer tax on the farmer. Here is an excellent chance for the Farmers' Alliance to show its power. The great Railroad monopolists say that transportation rates are so low now that the roads cannot pay dividends on their stock. Nobody will deny that capital should receive a fair return. But these roads have been bonded and stocked for five or ten times the amount of their actual cost. And the money has gone into the hands of wealthy capitalists and construction companies. And now the people who granted

the roads their valuable franchises for nothing, are to be taxed to pay dividends on all this water. Let the farmers in their state legislatures enter a mighty protest.

THE Knights of Labor are anxious to affiliate in some way with the Farmers' Alliance, and have sent delegates to the Ocala Convention. The Alliance kite will fly a great deal higher without the Knights of Labor tail. The farmers have very little in sympathy with the aims and methods of the Knights. That organization is, if anything, a more odious and tyrannical monopoly than those it proposes to fight.

MR. G. R. Crane, of near Heathsville, Northumberland County, Virginia, has invented a combined machine for farm use, consisting of roller, drill and harrow, and at his farm on Saturday, November 15th, gave it a trial before a number of the most prominent agriculturists of his county. They all pronounce it in advance of any farm implement they have ever seen. It prepares plowed ground for the planting, sows, and rolls the crop all at once, and with only the ordinary team of horses. Some of the friends of the patentee have ordered machines already.

#### THE GARDEN OF MAINE.

THE farmers of Aroostook county, the "Garden of Maine," are proud of the size and quality of their crops, as well they may be. Aroostook is the greatest potato raising region under the sun, and the county is waxing rich on that crop, independent of other resources. In 1889 the crop amounted to 3,500,000 bushels, and when this year's yield is footed up it is expected that the total will be rather more than 4,000,000 bushels. Considerably more than one-half the crop is made into starch at the mills in Presque Isle, Caribou, Fort Fairfield, Houlton, and elsewhere, and most of the remainder is shipped to Bangor, Boston, and New York. While the potato crop in other parts of Maine and in the maritime provinces is seriously affected with rot this season, the Aroostook tubers are generally sound and of the finest quality. Prices are rather high, owing to the shortage elsewhere, the best stock selling at the railroad stations at \$2 per barrel, while small potatoes, or those slightly affected by rot, bring 25 cents a bushel at the starch factories.

In 1889 the *American Agriculturist* offered five prizes for the largest yield of potatoes from a measured acre, and three of these premiums were taken by Aroostook farmers. Charles B. Coy of Presque Isle took the first prize, with 739 bushels; Fred Wiggin of Presque Isle took the third, with 537 bushels, and Delano Moore of the same town won the fourth, with 523 bushels. This year Philo Reed of Fort Fairfield has raised 741 bushels from one acre, while A. M. Dudley raised 605 bushels, and several others over 500 bushels. In 1880, according to the census, the average yield of potatoes per acre in the United States was 70 bushels; in Maine, 111 bushels, and in Aroostook this year must be 200 bushels or more per acre. They have wonderfully large potatoes up there, too, George Currie of Caribou having recently exhibited a full barrel which contained only 98 of the tubers.

In 1880 the average yield of hay per acre in Maine was four-fifths of a ton, in Aroostook over a ton. The average yield of oats in the State was twenty-eight bushels per acre, in Aroostook thirty-one bushels. This year Aroostook contributed one-twelfth of the total farm products of Maine, and expended only one thirty-second of the amount invested in fertilizers by the farmers of the State. Considering that only a narrow strip along this great county's eastern border has yet felt the touch of a plough, it is not surprising that the late Horace Greeley's advice to young men is not followed by the youth of Aroostook.



### THE FARMERS' ALLIANCE IN THE NORTH-WEST.

The representatives of the Farmers' Alliance in the West, Wm. H. Hatch, Jere Simpson and John Davis, were the subjects of an article in *Harper's Weekly* last week, and from it we take the following upon the Farmers' Alliance:

The victories gained by the Farmers' Alliance in the Northwest were among the most surprising results of the late election. To Eastern politicians they were really stunning. Few men in this part of the country had begun to realize what a genuine and what a powerful political force the Alliance had become. Even Western men, who had seen the organization growing up under their very eyes, had little prevision of its tremendous cohesive force and little apprehension that it could possibly succeed in States or districts in which it ran an independent ticket separate from both Democrats and Republicans.

An examination of the work accomplished by the Alliance in the Northwest in the late campaign discloses some startling facts. They may be summarized briefly as follows:

It has elected five Representatives in the Congress of the United States out of seven in Kansas, two out of three in Nebraska, and at least one in Minnesota. It almost carried its entire State ticket in Kansas, and did elect a majority of the Legislature. It almost beat Governor Merriam in Minnesota, and holds the balance of power in the Legislature of that State. It carried South Dakota. It is believed to hold the balance of power in the Legislature of Illinois. It helped to elect a solid Democratic delegation to Congress from Missouri, including several members who are supposed to be in sympathy with its legislative demands. It divided the Republican vote in Nebraska so that a Democrat was elected Governor. It gave Iowa nominally to the Democrats—State ticket and delegation in Congress. Such results, accomplished by an organization that was scarcely heard of in the Eastern States in 1888, compel surprise and interested attention.

There are a number of farmers' organizations throughout the country, most of them having substantially the same objects. The National Farmers' Alliance and Industrial Union, formed by the consolidation of the National Farmers' Alliance and Co-operative Union and the Agricultural Wheel, is the largest of all. Its principal membership is in the Southern and Southwestern States. The National Grange of the Patrons of Husbandry is the old "Grange," which still has 20,000 affiliated societies. The Patrons of Industry are strongest in Michigan. The National Farmers' League is avowedly political, and is strongest at present in the Eastern States. The Northwestern Alliance has its headquarters in South Dakota, and is strongest there and in the immediately neighboring States. The Farmers' Mutual Benefit Association is the title of the Illinois organization. The tendency now is toward consolidation—co-operation having been already secured; and it would not be surprising if at the coming meeting of the Alliance at Ocala, Florida, on December 2d, several more of the minor organizations should formally join it.

These bodies all differ more or less in details, but on certain measures they are as one. From the Congress of the United States they demand—

1. The abolition of national banks and the calling in of their notes.

2. The issue of legal tender United States Treasury notes "in sufficient volume to do the business of the country on a cash system."

3. The free and unlimited coinage of silver.

4. The prohibition of the alien ownership of land, and the reclamation of all lands heretofore ceded to railways not now actually used by them.

5. The prohibition of speculation in agricultural products, and of dealing in "futures."

6. The restriction of government revenues to the actual expenses of the government economically administered.

7. The government control and operation of railways and telegraphs in the interests of the people.

8. The prohibition of trusts or "combines" among corporations, and of unsurious interest.

The so-called "Sub-Treasury bill" is not advocated by all the farmers' organizations, and a large minority even of the big Alliance dissent from it. Still, it may be formally adopted as an Alliance measure, and urged by the Alliance Representatives in Congress. In these other demands, which constitute a pretty large programme of "reform," all the organizations are substantially agreed. Most of them, if not all of them, will be presented to the Fifty-second Congress in the form of bills, and at least two of them—free silver coinage and prohibition of alien ownership of land—have a chance of passage by the House.

### A REMARKABLE CROP CONTEST.

Nearly 1000 bushels of potatoes, or, to be exact, 974 bushels and forty-eight pounds, have been grown on one acre of land in Johnson County, Wyoming, the past season. This crop wins the first prize of several hundred dollars offered by the *American Agriculturist* for the largest yield of potatoes on one exact acre. It was grown on virgin soil, without manure or fertilizer, but the land was rich in potash, and the copious irrigation was of water also rich in saline material. There were 22,800 hills on one acre, and 1560 pounds of sets, containing one, two and three eyes were planted of the Early Vermont and Manhattan varieties. The profit on the crop on this first prize acre was \$714 exclusive of \$500 in prizes. Another large crop was that of R. A. Chisholm of Del Norte, Colo., of 847 1-2 bushels on 1000 pounds of fertilizer. There was great interest in the competition in the famous potato growing country of Aroostook, Northern Maine, where the crops secured ranged from 450 to 746 bushels per acre. These crops largely exceed those grown in a similar competition last year, when 738 1-2 bushels of potatoes in Aroostook county took the grand prize of \$1100. Other prize crops last year were—135 bushels of oats on one acre, 80 bushels of wheat and 255 bushels of shelled corn. It appears from the forthcoming issue of the *American Agriculturist*, in which the results of the contest are to appear, that the average Western potato crop on virgin soil is hardly up to that under ordinary culture in the East, while intelligent fertilization seems equally profitable in both sections. The wonderful operation of the mysterious laboratory of the soil is emphasized by the evidence in this competition that crops were increased 50 or 100 per cent. by the application of actually pure plant food at the rate of only one pound to 100 or 200 square feet of land. The superiority of fertilizers or chemical manures over stable manure for potatoes is also emphasized by the two years' contest.



## Alliance Page.

While this journal is not an official organ, of the Farmers' Alliance, it is in entire sympathy with that movement and heartily believes in a thorough and systematic organization among farmers to protect their interests. In this column, Alliance news will be presented, and matters akin to that movement discussed. Correspondence is cordially invited.

The Alliance officers, in this state and their addresses are: President, . . . . . Hugh Mitchell, . . . . . Port Tobacco. Secretary, . . . . . T. Canfield Jenkins, . . . . . Pomonkey. State Lecturer, . . R. D. Bradley, . . . . . Preston.

### TO OUR STATE GRANGERS, WELCOME.

THE State Grange meets in the Maltby House parlors in this city, Tuesday. This organization has about 2,000 members in this State and is a very useful organization. We extend to them welcome while here, and hope their deliberations and work in convention may prove beneficial and encouraging. We would be glad to have a call from any of the members while here, and as we are opposite the Maltby House our office will not be hard to find.

W. Master Murray in a circular announces that Mortimer Whitehead, Esq., Lecturer of the National Grange, will be present December 9, the first day of the meeting, and deliver a lecture. This will be an entertaining and instructive feature.

### THE NATIONAL BODY.

On Tuesday, December 9, at Ocala, Fla., with closed doors, the National Farmers' Alliance met in session. The work of the session will end about Saturday.

President L. L. Polk, editor of the *Progressive Farmer*, of Raleigh, N. C., delivered his annual message. In reference to the future financial policy of the Alliance, President Polk said that it will demand the restoration of silver to all the rights and qualities of legal tender, which gold possesses; the issue of government currency direct to the people; equalization of taxes; prohibition of alien ownership of land; ownership and control of transportation lines by the government; limit of public revenues to the economic administration of the government; graduated taxation of incomes and the election of United States Senators by a direct vote of the people.

At ten o'clock on Monday Governor and Mr. Fleming held a reception in the parlors of the Ocala house and President Polk introduced the delegates and visitors in the most graceful manner, after which a general introduction followed and an hour was spent in pleasant social chat. This convention is the largest ever held and many States are largely represented. Kansas has forty-two delegates and visitors and Georgia seven delegates and about twenty visitors. President Mitchell, of the Maryland Alliance, is in attendance at the convention and has a good report to make from his State, especially of work on the Eastern Shore. The address of welcome to the visitors was delivered by Mayor Gray, and the president of the State Alliance, and responded to by

President Polk. The weather at Ocala was beautiful at the opening of the convention and promised to continue.

The National Colored Alliance convention was also held at Ocala, beginning Wednesday, about fifty delegates being present. The president is R. L. Humphrey, of Texas.

### NOTES.

There are 43,000 Sub-Alliances in the United States.

Virginia has 90 counties organized and 1,200 Sub-Alliances.

The colored Farmers' Alliance has a membership of over 1,000,000.

JOHN J. INGALLS, after maligning the Farmers' Alliance, is now at their mercy, asking of them to be returned to the U. S. Senate—which seems "an iridescent dream."

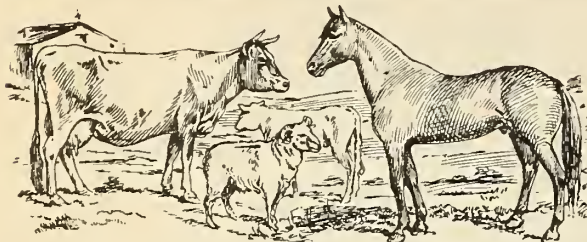
At its recent annual meeting the Florida State Alliance adopted a new constitution, which goes into effect the first of December. Quarterly dues of individual members remain the same, but female members can become active instead of honorary members (as now) by paying twenty-five cents per quarter. Sub-Alliances can also increase their quarterly dues for their own benefit if they so desire. Each male member, under this new constitution, is subject to a capitation tax of five cents to be annually paid to the National Alliance. Unless the County Alliance shall see fit to pay this tax out of its own treasury, it will be an increase of dues to the individual member. The opening of active membership to females will no doubt infuse new life and energy into many features of the Alliance that need reviving.

### ENSILAGE.

A correspondent of the *Country Gentleman* of Albany, New York, writes that paper: "In the *Maryland Farmer* of November 14th appears an article by A. P. Sharp on ensilage, in which the silo and its contents are pretty severely condemned. Also, the editor, in asking for a discussion of the subject, states that in Massachusetts, where the silo was early adopted, there is a falling off in its advocates. Having for some time been debating the advisability of building a silo, but not feeling able to spend money on an experiment, as there are no siloes in this section of our State, would ask if statements referred to in article are worthy of consideration. In a small way I am raising cattle for beef, keeping cows which have a run on inexpensive summer pasture, for the production of calves which it is desired to push as rapidly as possible, and I thought that good ensilage would conduce to that end during the winter more economically than roots. P. W. *Charles County, Md.* Upon which the editor of the *Country Gentleman* says in comment: "We think our correspondent need not hesitate to proceed with the construction of his silo; do not remember that we ever heard of a single instance where the process was abandoned after fair trial. Dr. Sharp's article says he regrets that he is 'not permitted to name some of the parties who, after a fair trial and urging others to do the same, now utterly condemn the whole thing as a grand humbug, and have entirely discarded its use as injurious to their stock.' We regret it, too; the experience of such persons would be a very curious and interesting novelty to the agricultural world."



## Stock Raisers' Column.



This column will be devoted to the interests of breeders and stock raisers, and especial attention will be paid to matters pertaining to the breeding and development of light harness and trotting horses. Correspondence is invited.

A STORY is told of an Iowa man who is the proud owner of the largest strictly trotting-bred horse in America or probably the world. He is eighteen hands one inch and a half high, and can, it is said, show a 2:40 gait.

W. H. WILSON, of Abdallah Park, Cynthiana, Ky., has just sold and shipped to Dr. D. K. Wise, of Los Angeles, Cal., for \$10,000 one weanling, two yearlings and one five-year-old, all trotters and all fillies, namely: Nevada, record 2.31½, ch. mare, five-year-old, by Simons, 2.28, dam Marie Roze, by Smuggler, 2.15½. Adelaide McGregor, b. f. yearling, by Bonnie McGregor, 2.15½, dam Adelaide, 2.18, by Milwaukee, entered in the *Spirit of the Times* \$11,000 stake. Adelaide McGregor, bay weanling filly, by Simmons, 2.28, dam Adelaide, 2.18, as above; entered in the great Horseman and Terre Haute stakes of \$11,000 each. Bonnie June, bay yearling filly, full sister to Bonnie Wilkes, 2.29½, dam Bonbon, entered in the *Spirit of the Times* \$11,000 stake. These four were bought for the purpose of entering and trotting in the big stakes in California and the East.

The *Spirit of the Hub* contains a sensible article on the Winter care of stallions which many breeders could read with profit. We have always maintained that horses, like men, were better when leading an active life. Many breeders have a preference for keeping stallions loaded with fat and standing idle like a doll in a band box. Horses treated in this manner are seldom sure foal getters, nor do they impart to their offspring the nerve force or vim that is not cultivated or intensified in themselves. Stallions need work to keep their procreative powers and nervous organization in the best condition, and in a condition of perfect health and muscular vitality, the chances for imparting speed are greatly increased. We confess that an idle horse or an idle person is an abomination to us. Our stallions are made useful, aside from the duties of the stud, by being used for road driving, and we find them just as reliable and pleasant drivers as geldings. More than this, such handling improves the disposition of a stallion, and we believe he is far more likely to transmit such qualities by being himself kept in such a condition. Take good care of the stallion, feed him well, and make him useful, and above all, see that he is handled with kindness. From the time a foal comes into the world it

should know only kind treatment. No horse should know fear of man. A groom or owner who cannot win the confidence of a horse is not fit to handle or own one.

### QUEEN OF THE JERSEYS.

On the 22d day of April, 1889, Mr. D. F. Appleton, at Appleton Farm, Mass., commenced the test of the Jersey cow Eurotisama 29,668 for a year's yield of butter, and on the 21st day of April, 1890, when the last milk was drawn, she had made nine hundred and forty-five pounds nine ounces. This makes her the "Queen of the Jersey world," and puts her performance ahead of all other butter records of any breed of cows. For matter of comparison, and to show how the record has grown, the past performance of the most noted Jersey cows for one year is given: Flora, five hundred and eleven pounds two ounces; Pansy, five hundred and seventy-four pounds eight ounces; Jersey Belle of Scituate, seven hundred and five pounds; Eurotas, seven hundred and seventy-eight pounds one ounce; Jersey Queen of Barnett (not registered), eight hundred and fifty-one pounds one ounce; Mary Anne of St. Lambert, eight hundred and sixty-seven pounds fourteen and three-fourths ounces; Landseer's Fancy, nine hundred and thirty-six pounds fourteen and three-fourths ounces; Eurotisama, nine hundred and forty-five pounds nine ounces. The record gradually creeps up to the one thousand pound point, but it may be many years before it is reached.

There is much skepticism expressed among practical dairymen about the possibilities of cows actually doing what these records call for. Latter-day investigations in the art of feeding have thrown much light upon this matter. It has been found that the latent powers of a cow can be brought forth not simply by abundant feeding, but, to accomplish the highest results with her, the man who handles her must have a systematic mind and thorough knowledge of how the work is to be done. This fact has led the ignorant to believe that there is some trick about it—some "condiment," or other questionable method about making a little cow like Eurotisama, that weighs only eight hundred and twenty pounds, produce over nine hundred and forty-five pounds of butter in a year—one hundred and twenty-five pounds more than her actual weight. Fortunately, science is telling us just how this is accomplished, and the key to the riddle lies in the correctly-balanced ration. Mr. Appleton began feeding Eurotisama for this trial with twenty-four pounds of grain per day—one third each of corn meal, ground oats, and wheat middlings. This was reduced after a month to twenty-one pounds, in the same proportions, which for the most of the time continued to be the ration to the end. At the end of four months, bran was substituted for middlings. The grain was invariably mixed with cold water, excepting when some portion of the ration was spread upon hay or ensilage. About three hours per day she had fair pasture and what hay she would readily take. When the pasture failed, she had cut and steamed hay or ensilage—generally some of both—each day, and always with a part of her grain ration mixed with it. Such is a general outline of her feeding, but, coupled with this excellent routine, was the good judgment and knowledge of the cow's wants on the part of the manager that insured success.—*American Agriculturist*.



## FATTENING PIGS.

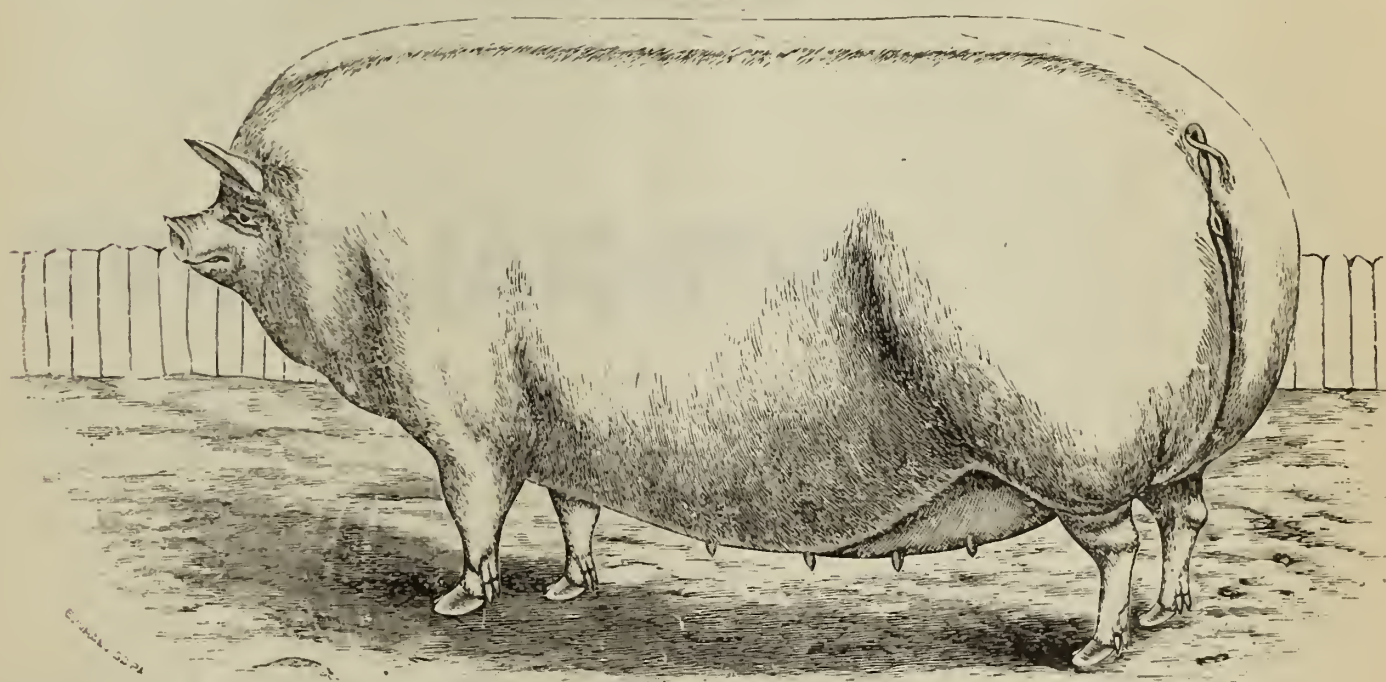
A correspondent of the *Country Gentleman* writes for information as to the best method to pursue in fattening pigs. He says, "I tried two Medium Yorkshires this season, and am not satisfied with them. I gave them the garbage from three families, which was about all they wanted to eat once a day. I bought them in the spring, and now although they are in good condition, almost fat, they are still very small, probably not weighing over 75 lbs. each. They were pigs with pedigrees. W. G. K.

In answer to this inquiry the *Country Gentleman* prints the following excellent article on feeding pigs:

W. G. K. must not forget the old Scotch proverb that "the breed of the pig is in the swill pail." It is the feeding

what we have mentioned is wheat bran; this has muscle-making material and a large percentage of phosphoric acid to build the bones. One of the best liquid foods is skimmed milk, containing the casein or cheese and the milk sugar contained in the whey. But when that is not to be had, a little old-process linseed meal will be soothing to the digestive organs, slightly laxative, and contains the proper elements to assist in the growth of the pig.

The mixture of the food for the young pig may be—to 1½ lbs. fine or coarse bran, add ¼ lb. of O. P. linseed meal. And for winter let 1 qt. of short-cut clover hay be steeped and softened for a short time in boiling water, and then mix with it the bran and oil-meal, and let it be given to the pig warm. It will soon become foud of it. As the pig is a



and management, to a very great extent, that produces thrifty rangy pigs. They can be produced from a dozen different breeds, but perhaps for the special purpose of hams, &c., mentioned by K., there is no better breed than the compact, small-boned Berkshire. We have seen most excellent specimens of the Medium Yorkshires, and it is probable that the food given to K's two pigs did not possess the elements to grow the muscles and give a rangy frame.

If we take the pig at weaning time, we must give it such food as will grow its muscles, build its bones and extend its frame, without laying on fat. Only so much fat is required as will pad the muscles and cushion the joints. Corn meal must be excluded, as a merely fattening food, not having the element to grow the bones. But one of the best foods to do

grass eating animal a little softened clover hay is well calculated to promote health and growth. K. will understand that this is simply a proportion of food, and not a ration for pig. The feeder must apportion the quantity to each pig. Thrifty six or seven weeks' pigs would probably eat about the amount here mentioned in a day—given in two or three feeds. With this may be given the scraps from the house. This food will be all right till the pig is three months old. Then to this combination add ½ lb. corn meal. In four weeks add another ½ lb. of corn-meal, and continue adding ½ lb. of corn meal every four weeks till the pig is ready to kill—the other food will remain the same. After six months corn meal will be the principal food, but the other food will prevent its becoming excessively fat." The experience of W. G. K. has been that of many others, too much attention has been paid to putting on fat and not enough to building up bone and muscle.



**Markets.**

BALTIMORE, DEC. 4, 1890.

|                               |    |           |
|-------------------------------|----|-----------|
| Wheat steady.                 |    |           |
| Spot and Month.....           | \$ | 93 a....  |
| December .....                |    | 95 a....  |
| May.....                      | 1  | 02½a1 02½ |
| Southern Fultz .....          |    | 93 a1 00. |
| Longberry.....                |    | 93 a1 00. |
| Stock.....                    |    | 901,432   |
| Corn active.                  |    |           |
| Yellow.....                   |    | 54½a57.   |
| White.....                    |    | 54 a57.   |
| Mixed Spot and December....   |    | 57 a....  |
| The year .....                |    | 57 a57½   |
| Stock.....                    |    | 158,506   |
| Rye.                          |    |           |
| Whole range.....              |    | 72 a74    |
| Stock.....                    |    | 26,409    |
| Oats.                         |    |           |
| Whole range.....              |    | 50½a53½   |
| Stock.....                    |    | 60,559    |
| Family Flour, per barrel..... | 4  | 75a5 00   |
| Clover Seed.....              |    | 7½a 6½    |
| Timothy Seed.....             | 1  | 35a1 45   |
| Hay, per ton.....             | 9  | 00a11 00  |
| Lard.....                     |    | a 06.     |
| Butter.....                   |    | a 27.     |
| Eggs, per dozen.....          |    | a 27.     |
| Potatoes, per bushel .....    | 60 | a 85.     |
| Apples.....                   | 2  | 50 a5 00  |

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Having read Mr. Morehead's experience plating with gold, silver and nickel, I sent for a plater and have more work than I can do. It is surprising the spoons, castors and jewelry that people want plated. The first week I cleared \$37.10, and in three weeks \$119.85, and my wife has made about as I have. By addressing W. H. Griffith & Co., Zanesville, Ohio, you can get circulars. A Plater only costs \$3. You can learn to use it in an hour. Can plate large or small articles, and can make money anywhere.

A. J. Johnson.

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| Song Classics. Vol. 2.          | 39  | "      |
| Song Classics. Low Voices.      | 47  | "      |
| Choice Sacred Solos.            | 34  | "      |
| Choice Sacred Solos. Low Voices | 40  | "      |
| Classic, Baritone and Bass.     | 33  | "      |
| Classic Tenor Songs.            | 36  | "      |
| Good Old Songs We Used to Sing. | 115 | "      |
| Rhymes and Tunes. Sweet Music.  |     |        |
| M. P. Osgood.                   | 108 | "      |

**CHOICE PIANO COLLECTIONS.**

|                               |    |         |
|-------------------------------|----|---------|
| Piano Classics. Vol. 1.       | 44 | pieces. |
| Piano Classics. Vol. 2.       | 31 | "       |
| Classical Pianist.            | 42 | "       |
| Sabbath Day Music.            | 38 | "       |
| Popular Dance Collection.     | 66 | "       |
| Popular Piano Collection.     | 66 | "       |
| Classic Four Hand Collection. | 19 | "       |
| Operatic Piano Collection.    | 19 | operas. |

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this week is an enormous quantity of fine tailor-made suits in sacks and cutaways, for business and for dress, for **Fifteen Dollars**; and for children—choice of an immensely beautiful line of the newest outfits for **five dollars**. The gentlemen's suits are worth all of \$20 to \$25, and the children's have been selling for \$6, \$7½ and \$8.

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**MARYLAND'S LEADING CLOTHIERS.**





## WOMAN'S CORNER.

△ MRS. MARY L. GADDESS, EDITRESS.

This department of THE FARMER will be made of special worth to the ladies of the farmer's household. Fashions in dress, latest ideas of ornamentation, flowers, etiquette, and all subjects in which they may be interested will be fully discussed and in a chatty manner. MRS. GADDESS, the editress, a well-known writer of this city, cordially invites correspondence on matters of interest in this column and will answer any questions with pleasure. . . . .

The store windows are indeed pictures of beauty, full as they are now not only of beautiful hats, coats, and the thousand and one elegant accessories to the toilet, but household articles of the most elaborate kinds are temptingly arranged to win the attention, and, if possible, to charm the money from your pocket-books. We can sincerely sympathize with the little ones who craze for what they admire; we feel like doing pretty much the same thing.

There is but little change in the styles and there will be scarcely any till mid winter. Short coats seem very generally used; but later on as the cold winds blow, the comfortable long wraps will be more sought after. The three quarter coats, have not taken very well, though some who delight in the long plain skirts wear them, but of course not with elaborate dresses.

Plaids are made exclusively into long wraps. Heavy passementeries, furs and plush, are liked for trimming; sleeves very high, and cuffs quite deep. For persons who do not have many changes, nothing is so useful as a long coat, and certainly nothing can be more sensible. Jackets are jaunty, but cannot attain the elegance of a long ample coat.

A brilliant French writer says, all women like to be beautiful, and should eat the kind of food, as well as dress in the styles that add most to that result. For the benefit of slender people we have a few suggestions. Eat as much fresh bread as you can enjoy, breakfast on eggs, entlet or steak, and a cup of milk or chocolate: walk before dinner, and at dinner do not neglect sweets, but entirely forget acids; eat salads with simplest dressing possible. Do not fatigue yourself, and get all the sleep you possibly can. People have too many coverings, and too high pillows. Those who sleep well, work well.

Dainty needle work is the rage now. There is probably no place where it shows to such advantage as in the corner of a napkin. Pretty initials are all that is requisite. Linen floss is the best material to use, as the letters stand out better, and it will not lose the essential whiteness as silk does.

Upon the appointments of the table, any amount of thought and skill is now lavished. A vase of leaves, or pot of flowers and ferns, is always a refreshing addition, and especially so in the winter, when there is nothing out of doors.

You can keep one of your plants, setting in a pretty pot just for table decorations, and it gives a dignity and grace to the plainest repast. Gay Japanese paper mats, which are very inexpensive, render the tea table attractive and home brighter.

A delightful dish for tea is oyster toast, as follows:—One pint of oysters, chopped very fine; one cup of milk; one egg; one tablespoonful of butter, rolled in flour. Heat the milk and oyster juice and butter; cook the oysters in it not over three minutes; season to taste; add the beaten egg at last moment. Have toast buttered in deep dish and pour over; serve with some slips of parsley around it. Sugar Snaps are delicious also for tea:—one cup sugar; three tablespoonfuls of butter; three of lard; one-half cup water; one teaspoonful of ginger; two of cinnamon; one-half teaspoonful soda, dissolved in hot water; enough flour to make stiff dough. Warm shortening and sugar, stir in water and spices, and add flour. Last of all, roll out very thin; cut into fancy shapes with cake cutter, and before baking sprinkle full of granulated sugar; be careful they do not scorch.

Every young person knows that nuts after they are dried are sweeter than when first gathered. But unfortunately they keep on drying till they get too hard to be nice. They tell us you can avoid this by putting them in sand in a box or barrel and keep in a cool place. It is certainly worth trying.

Do not forget your flowers. They cannot be watered and cared for once a week and the rest of the time left to themselves. They require daily care every morning. When the house cleaning is done the plants should be watered and sprinkled. You will see how necessary this is if you remember the nature of plants and how they live. Like our skin, the leaves are full of pores, through which they breathe, and if these are filled up with dust from our living rooms, how can they bloom and brighten our homes with their freshness and beauty. It is a good plan when sweeping to throw a light cloth over them, and if they look drooping oftentimes a bath of soapsuds will refresh them. Open the windows for a time every day. Fresh air is not so dangerous as many would suppose, provided it is not a bitter cold day. They are benefited by the exposure, become more hardy and better able to stand the sudden changes of temperature in the room. We all know how fast the dust accumulates, and these dainty darlings gather it freely, and it is delightful, after giving them a good bath, to see how they glisten and rear their stately heads as if to reward you for the trouble you have taken with them.

MRS. M. L. GADDESS.



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Jan-1y

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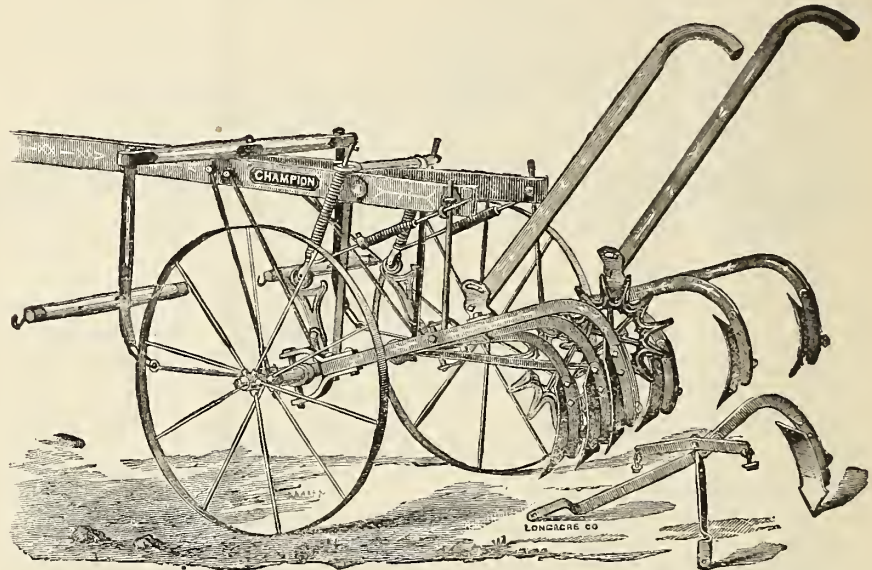
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Elmwood Stock Farm. In writing mention this paper.



**CELERY.**

Probably no class of people suffer more with rheumatism than farmers, and yet the remedy for this dreadful disease, is, or should be, right at hand. If celery were eaten freely sufferers from rheumatism would be comparatively few. It is a mistaken idea that cold and damp produce the disease—they simply develop it. Acid blood is the primary and sustaining cause. If celery is eaten largely an alkaline blood is the result, and where this exists there can be neither rheumatism nor gout. It should be eaten cooked.

Cut it into bits and boil till soft in as little water as possible. Add to this half as much milk as there is water in the celery, thicken with flour and season with butter, pepper and salt. If you cook it nicely and give it a fair trial, I am sure you will as soon leave potatoes out of the daily bill of fare as celery. It is nice as sauce for any kind of cold meat or fowl, or for roasted poultry or game of any kind. Children will like it poured over boiled potatoes, or it may be drained from the sauce, mixed with mashed potatoes, formed into little cakes and browned. A ready witted woman will find numerous ways of serving it.—*Melbourne Weekly Times.*

**ESTIMATE OF GRAPES.**

Dr. J. Stayman of Kansas furnished the Missouri Horticultural Society a detailed report on the newer grades, the results of his experiments with them in that State. The Niagara was found to rot badly, not hardy, and was over-rated. The Empire State was fine in quality, but rots and mildews badly. The Pocklington hardy, vigorous and productive, more valuable than either of the preceding, and the Victoria and Francis B. Hays about the same in quality. Ann Arbor of no value. The White Imperial early and excellent; White Beauty the most valuable white grape; Farrell, of high promise; Minnabaha, of best quality but tender; Leavenworth, an excellent Concord seedling—better than Lady; Moore's Diamond, of fine quality but not quite hardy; Eclipse, much superior to Niagara and Pocklington. All the preceding are white grapes. The following are darker: Eureka and Perfection, seedlings of Delaware, larger in size, and of high promise; Norfolk, an improved Catawba; Jefferson, showy, excellent, but uncertain; Ulster, better than Vergennes or Wyoming Red or Poughkeepsie Red, neither of which are desirable with so many better ones; Meyer, too small in berry and bunch for Kansas; Brighton, excellent when you get it, but rots, mildews and is not hardy. The following are black grapes: Moore's

Early—earliness is only merit; Early Victor, rather better; Jewel, highly commended—ten days earlier than Moore. Among Burr's seedlings, Osage, Standard and Progress, which are black, are varieties of promise. Ozark is quite unlike all other grapes, a very strong grower, the grapes hanging after frost—would doubtless be too late for the East.

Results will of course vary in different localities and in different States, but the preceding estimates accord with results in many cases, both east and west, at the same time that individual preferences are more or less unlike in estimating quality and value.

**Emmart & Quartley,**

HOUSE AND CHURCH

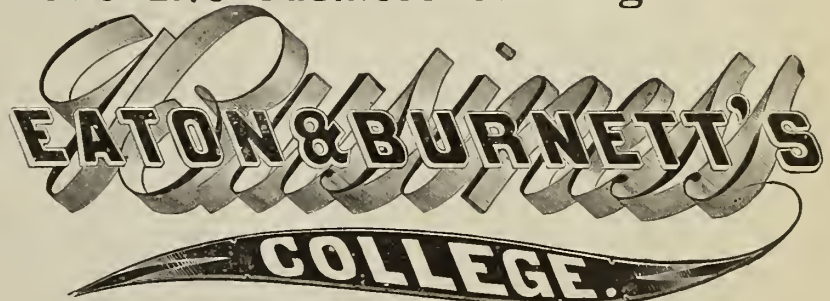
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# Farmers' AND Planters' Guide

TO THE BUSINESS HOUSES OF BALTIMORE.

—o—o—

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GRIFFITH, TURNER & CO., 205 and 207 N. Paca St., Baltimore, Agricultural Implements, Garden and Field Seeds and Fertilizers.

E. WHITMAN, SONS & CO., No. 27 East Pratt Street, Baltimore. See adver.

THE SINCLAIR SCOTT MFG. Co., 233 to 251 Hamburg St., Baltimore, Md. Hay Presses and Ensilage Cutters a Specialty.

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Publisher of Maps of Maryland.

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JAS. W. JEROME & CO., General Produce Commission Merchants. For sale of Grain, Green and Dried Fruits, Live Stock, Poultry, Eggs, Wool, Furs, Hides, Florida Oranges, Southern Vegetables, &c. 18 East Camden Street, (near Light St. Wharf)

C. A. BANDELL & CO., Wholesale Produce Commission Merchants, Specialties: Florida Oranges and Southern Produce. 23 Camden Street.

TOLLEY & DEAL, General Commission Merchants. For the sale of Leaf Tobacco, Grain, Fruit, Country Produce, Live Stock, Wools, Hides, Furs, Fish, Game, Oysters, &c. 305 S. Charles St.

S. RICE & Co, Produce and General Commission Merchants, for Butter, Eggs, Poultry, Hides, Dried Fruit, Roots, Herbs, and Everything shipped. No. 7 W. Camden St.

T. K. TALLEY & Co., General Commission Merchants, Grain, Vegetables, Fruit, Poultry, eggs, Wool, Live Stock, &c. Barreled Oysters a Specialty. 18 E. Camden St.

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THE CHESAPEAKE GUANO CO., prepare and sell Chesapeake Guano, Potash, Phosphate and Dissolved Bone Phosphates, 21 P. O. Ave.

PURE FERTILIZING GOODS can be found at SLINGLUFF & CO'S, No. 300 W. Fayette Street. Manufacturers of Standard Phosphates.

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JAS. B. McELROY, No. 3 Saratoga St., near Charles, Manufacturer of Trunks, Valises, Traveling Bags, Ladies Satchels, &c. Trunks made to order. Repairing and Covering a Specialty. All Work done at the Shortest Notice.

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GEORGE O. STEVENS, 119 Light street, Window Sashes, Blinds, Doors, Frames, Mouldings, Stair Rails, Posts, Ballusters, Brackets, &c. The best work at lowest prices. Send for Catalogue.



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We call especial attention to this list of Nurserymen, Seedsmen, Florists, etc. They all issue good Catalogues and will cheerfully send one free, if you write referring to the Maryland Farmer. We believe every one of them to be reliable.—*Editor Md. Farmer.*

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Agents Wanted.

A. W. Livingston's Sons, Specialty, Tomatoes, Columbus, O.

West Jersey Nursery Co., Choicest & Standard Fruits, Bridgeton, N. J.

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Wm. Parry, Nursery Stock; Small Fruits, Grapes, etc. Parry, N. J.

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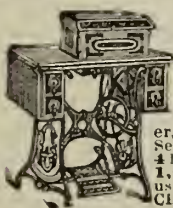
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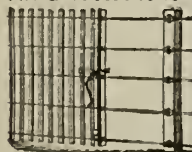
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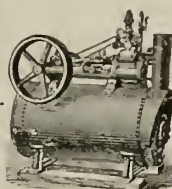
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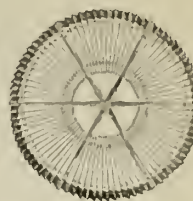
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"Always respect gray hairs—above all when they are on your own head."

A paragraph of experience is worth a column of theory.

The trouble with a man covering up his tracks is that he makes new ones in doing it.

A man with a long head seldom rushes into a scheme headlong.

A boy wants a position in an eating-house. He understands the business.

Aunt Polly—Come heah chile, an' tole yo' ole mammy de tex' w'at de preacher took'n fo' his disco'se dis mo'nin.

Master George—I disremember exactly mammy, but it ended, "Many am cold, but few am frozen."—*Harper's Bazar.*

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